Appendix 1. §319 projects and AgE BMPs

| Basin | ВМР | Amount | Unit | Date |
|----------------------------|----------------------------|--------|------|--------|
| Little Sandy Creek | AMD treatment system | 1 | Syst | Sep-20 |
| Little Sandy Creek | Anoxic limestone drain | 1,406 | Sqft | Nov-20 |
| Little Sandy Creek | Catch basin | 435 | Sqft | Nov-20 |
| Little Sandy Creek | Constructed wetland | 2,363 | Sqft | Nov-20 |
| Little Sandy Creek | Limestone leachbed | 2,194 | Sqft | Nov-20 |
| Little Sandy Creek | Limestone leachbed | 3,544 | Sqft | Nov-20 |
| Little Sandy Creek | AMD treatment system | 1 | Syst | Nov-20 |
| Browns Creek-Coal River | Onsite wastewater system | 5 | IU | Nov-20 |
| Browns Creek-Coal River | Onsite wastewater system | 1 | IU | Apr-20 |
| Upper Indian Creek | Onsite wastewater system | 1 | IU | Sep-20 |
| Burnside Branch | Fence | 2,594 | Ft | Sep-20 |
| Burnside Branch | Fence | 10,653 | Ft | Sep-20 |
| Hughes Creek-Kanawha River | Natural stream restoration | 400 | Ft | Jul-20 |
| Lower Second Creek | Fence | 2,187 | ft | Sep-20 |
| Lower Second Creek | Fence | 33,889 | ft | Sep-20 |
| Mill Creek-Meadow River | Streambank protection | 120 | ft | Sep-20 |
| Tenmile Creek | AMD treatment system | 1 | IU | Sep-20 |
| Tenmile Creek | Limestone channel | 550 | Sqft | Sep-21 |
| Tenmile Creek | Catch basin | 4,000 | Sqft | Sep-20 |
| Statewide (WVCA) | Outreach | 19,943 | IU | Sep-20 |
| Elks Run (WV Rivers) | Outreach | 1,772 | IU | Sep-20 |
| Statewide (WVDEP) | Outreach | 1,322 | IU | Sep-20 |
| Tilhance Creek | Conservation easements | 62 | Ac | Sep-20 |
| Warm Springs Hollow | Conservation easements | 34 | Ac | Sep-20 |
| Elks Run | Onsite wastewater pumpout | 22 | IU | Sep-20 |
| Statewide | Nutrient management | 4,298 | Ac | Nov-20 |
| Elks Run | Outreach | 1,952 | IU | Jun-20 |
| Tuscarora Creek | Outreach | 164 | IU | Jun-20 |
| WVDEP Statewide | Outreach | 4,037 | IU | Dec-20 |
| WVCA Statewide | Outreach | 19,923 | IU | Dec-20 |
| WIB calendar | Outreach | 2,710 | IU | Dec-20 |

Legend
Syst - systems
Sqft - square feet

Ft - feet Ac - acres

IU - individual units

| BMP totals | Amount | Unit |
|-----------------------------|--------|------|
| AMD treatment systems | 3 | Syst |
| Anoxic limestone drain | 1,406 | Sqft |
| Limestone leachbed | 6,330 | Sqft |
| Limestone channel | 550 | Sqft |
| Catch basin | 4,435 | Sqft |
| Constructed wetland | 2,363 | Sqft |
| Fence | 49,323 | Ft |
| Nutrient management | 4,298 | Ac |
| Natural channel restoration | 400 | Ft |
| Streambank protection | 120 | Ft |
| Onsite wastewater | 29 | IU |
| Conservation easements | 96 | Ac |
| Outreach | 26,076 | IU |

Note: WIB calendar is not included in above total.

Appendix 2. §319 projects and AgE load reductions

| Basin | Pollutant | Reduction | Unit | Date |
|----------------------------|----------------------|-----------|--------|--------|
| Little Sandy Creek | Acidity | 75,152 | Lbs/yr | Nov-20 |
| Little Sandy Creek | Acidity | 32,543 | Lbs/yr | Nov-20 |
| Tenmile Creek | Acidity | 19,191 | Lbs/yr | Dec-20 |
| Little Sandy Creek | Metals (Al) | 8,846 | Lbs/yr | Nov-20 |
| Little Sandy Creek | Metals (Al) | 3,385 | Lbs/yr | Nov-20 |
| Tenmile Creek | Metals (AI) | 2,026 | Lbs/yr | Dec-20 |
| Little Sandy Creek | Metals (Fe) | 143 | Lbs/yr | Nov-20 |
| Little Sandy Creek | Metals (Fe) | 521 | Lbs/yr | Nov-20 |
| Burnside Branch | Nitrogen | 1,826 | Lbs/yr | Sep-20 |
| Burnside Branch | Nitrogen | 1,325 | Lbs/yr | Sep-20 |
| Lower Second Creek | Nitrogen | 1,775 | Lbs/yr | Sep-20 |
| Browns Creek-Coal River | Pathogens (coliform) | 8.20E+10 | CFU | Nov-20 |
| Browns Creek-Coal River | Pathogens (coliform) | 2.30E+13 | CFU | Apr-20 |
| Burnside Branch | Pathogens (coliform) | 9.6E+11 | CFU | Sep-20 |
| Burnside Branch | Pathogens (coliform) | 6.9E+11 | CFU | Sep-20 |
| Upper Indian Creek | Pathogens (coliform) | 1.64E+10 | CFU | Sep-20 |
| Lower Second Creek | Pathogens (coliform) | 9.3E+11 | CFU | Sep-20 |
| Mill Creek-Meadow River | Pathogens (coliform) | 1.74E+09 | CFU | Sep-20 |
| Elks Run | Pathogens (coliform) | 9.12E+10 | CFU | Jun-20 |
| Burnside Branch | Phosphorus | 415 | Lbs/yr | Sep-20 |
| Burnside Branch | Phosphorus | 301 | Lbs/yr | Sep-20 |
| Lower Second Creek | Phosphorus | 403 | Lbs/yr | Sep-20 |
| Hughes Creek-Kanawha River | Sedimentation | 30,000 | Lbs/yr | Jul-20 |
| Mill Creek-Meadow River | Sedimentation | 76,000 | Lbs/yr | Sep-20 |
| AgE (statewide) | Nitrogen | 287,225 | Lbs/yr | Nov-20 |
| AgE (statewide) | Phosphorus | 274,911 | Lbs/yr | Nov-20 |

| Pollutant | LR | AgE | Totals | Unit | Legend |
|----------------------|----------|---------|----------|--------|------------------------------|
| Acidity | 94,343 | | 94,343 | Lbs/yr | Lbs/yr (pounds/year) |
| Metals (total) | 14,921 | | 14,921 | Lbs/yr | CFU (colony forming units) |
| Nitrogen | 4,926 | 287,225 | 292,151 | Lbs/yr | AgE (Ag Enhancement Program) |
| Phosphorus | 1,119 | 274,911 | 276,030 | Lbs/yr | |
| Pathogens (coliform) | 2.58E+13 | | 2.58E+13 | CFU | |
| Sedimentation | 106,000 | | 106,000 | Lbs/yr | |

Appendix 3. Project status

Note: The shaded projects have been completed.

| Organizations | 2016 | Available | Requested | Spent | PPS | PPE |
|-----------------------------|-------------------------------------|-------------|-------------|-------------|------------|--------|
| | Nonpoint Program | \$643,448 | | | | |
| WV Dept. of Env. Protection | WVDEP Statewide NPS Program | | \$295,082 | \$295,082 | | |
| WV Conservation Agency | WVCA Statewide NPS Program | | \$129,314 | \$129,314 | Aug-16 | Dec-20 |
| US Env. Protection Agency | EPA Watershed Plan Tracking | | \$10,000 | \$10,000 | | |
| Friends of the Cheat | NF Greens Run WBP - FY 15 carryover | | \$25,516 | \$25,463 | Aug-16 | Sep-19 |
| Friends of the Cheat | Muddy Creek WBP - FY 15 carryover | | \$60,484 | \$60,484 | Aug-16 | Sep-20 |
| Friends of Blackwater | Friends of Blackwater monitoring | | \$12,986 | \$12,406 | Sep-16 | Jun-18 |
| Friends of Deckers Creek | Clean Creek Program | | \$12,000 | \$9,086 | Sep-16 | Jun-18 |
| Friends of the Cheat | State of the watershed | | \$15,000 | \$14,275 | Sep-16 | Jun-18 |
| Goodnews Mountaineer | | | \$3,000 | \$2,906 | Sep-16 | Dec-17 |
| Garage | Mtneer Garage rain garden | | | | 36p-10 | Dec-17 |
| WV Rivers Coalition | WVRC volunteer monitoring | | \$18,000 | \$18,000 | Sep-15 | Sep-17 |
| Friends of Deckers Creek | FODC Kanes Creek Study | | \$13,350 | \$7,087 | Aug-17 | Sep-19 |
| WV Rivers Coalition | Capacity Building for WSAs | | \$4,450 | \$4,450 | Aug-17 | Sep-19 |
| WV Rivers Coalition | WVRC-TU monitoring program | | \$8,900 | \$8,900 | Aug-17 | Sep-18 |
| WV Conservation Agency | Howards Creek Improvements | | \$13,350 | \$11,388 | Aug-17 | Sep-18 |
| Canaan Valley Institute | CVI ALIVE education | | \$4,461 | \$4,461 | Aug-17 | Sep-19 |
| City of Charleston | City of Charleston Rain Barrel Kits | | \$3,950 | \$3,950 | Apr-18 | Jul-18 |
| WV Conservation Agency | Sleepy Creek septic mini grant | | \$21,000 | \$21,000 | Oct-18 | Sep-20 |
| | Watershed Projects | \$1,099,895 | | | | |
| Coal River Group | Browns Creek Phase I | | \$8,381 | \$8,381 | (see b | elow) |
| Friends of the Cheat | Beaver Creek AMD | | \$181,658 | \$181,566 | Aug-16 | Jun-20 |
| Friends of Deckers Creek | Sandy Run Renovation | | \$236,600 | \$116,291 | Aug-16 | Jun-20 |
| Piney Creek Watershed Assoc | Beckley Little League - PCWA | | \$54,291 | \$54,291 | Aug-16 | Jun-19 |
| WV Conservation Agency | Second Creek WSA | | \$127,600 | \$127,600 | Aug-16 | Sep-18 |
| WV Conservation Agency | Back Creek | | \$209,450 | \$209,450 | Aug-16 | Sep-19 |
| WV Water Research Institute | Swamp Run #2 | | \$183,954 | \$99,704 | Aug-16 | Jun-21 |
| WV Conservation Agency | Browns Creek - thru WVCA | | \$94,000 | \$94,000 | May- 17 | Dec-19 |
| | Totals | \$1,743,343 | \$1,746,777 | \$1,529,535 | | |
| | · Ottalo | 1 + = 1 | Balance: | \$213,808 | Ехр | Sep-21 |
| Organizations | 2017 | Available | Requested | Spent | PPS | PPE |
| | Nonpoint Program | \$713,531 | | , | | |

| WV Dept. of Env. Protection WV Conservation Agency | WVDEP Statewide NPS Program WVCA Statewide NPS Program | | \$327,780 \$73,653 | \$327,780 \$31,736 | Oct-16 | Sep-20 |
|----------------------------------------------------|--------------------------------------------------------|-------------|-----------------------|-----------------------------------------|------------|------------|
| US Env. Protection Agency | EPA Watershed Plan Tracking | | \$10,000 | \$10,000 | | |
| WV Rivers Coalition | WBP/SWPP integration | | \$100,000 | \$100,000 | Mar- 17 | Sep-20 |
| Friends of Blackwater | Beaver Creek WBP | | \$10,078 | \$10,078 | Oct-17 | Sep-19 |
| WV Rivers Coalition | Building capacity for WSAs | | \$5,000 | \$5,000 | Aug-18 | Dec-19 |
| WV Rivers Coalition | WVRC/TU water quality monitoring | | \$10,000 | \$10,000 | Aug-18 | Sep-20 |
| Friends of Blackwater | Targeted Analysis of Beaver Creek | | \$9,000 | 6,805 | Aug-18 | Sep-20 |
| Guardians of the West Fork | Modification of AMD Site 7 | | \$5,808 | | Aug-18 | Dec-19 |
| WV Water Research Institute | Fisheries in treated AMD trib | | \$12,000 | \$12,000 | Aug-18 | Dec-20 |
| Piney Creek Watershed Assoc | Piney Creek monitoring/education | | \$4,000 | \$4,000 | Aug-18 | Sep-20 |
| Morris Creek Watershed | | | \$5,000 | \$4,026 | Aug-18 | Jun-21 |
| Assoc | Morris Creek Lavender Patch | | \$5,000 | \$4,026 | Aug-16 | Juli-21 |
| Friends of Deckers Creek | Evaluating coliform | | \$12,000 | \$4,718 | Aug-18 | Mar- 21 |
| Friends of the Cheat | State of the watershed 2018 | | \$9,000 | \$9,000 | Aug-18 | Sep-20 |
| Friends of the cheat | Watershed Projects | \$1,145,279 | \$9,000 | \$9,000 | Aug-10 | 3ep-20 |
| | watershed Projects | \$1,145,275 | | | Mar- | |
| Plateau Action Network | Summerlee AMD Monitoring | | \$23,200 | \$9,511 | 17 | Jun-21 |
| Piney Creek Watershed Assoc | New River Drive Soil Erosion | | \$32,500 | | Mar- 17 | Jun-21 |
| Morris Creek Watershed Assoc | Morris Creek Stream Restoration | | \$72,000 | \$71,486 | Mar- 17 | Jun-21 |
| Friends of the Cheat | Muddy Creek Dream Mountain | | \$326,800 | \$146,278 | Sep-17 | Jun-21 |
| Friends of Deckers Creek | Hartman Run AMD | | \$23,617 | \$23,617 | Sep-17 | Jun-21 |
| Friends of Blackwater | WALD treatment - Phase I | | \$149,594 | \$116,529 | Sep-17 | Jun-21 |
| WV Water Research Institute | Cane Fork Treatment - Phase I | | \$149,993 | \$64,956 | Sep-17 | Jul-21 |
| WV Conservation Agency | Spring Creek - Phase I | | \$180,000 | , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Sep-17 | Jul-21 |
| Friends of the Cheat | Beaver Creek AMD addition | | \$115,628 | \$99,822 | Aug-16 | Jun-21 |
| WV Water Research Institute | Swamp Run #2 | | \$29,736 | ,- | Aug-16 | Sep-20 |
| 33,44,00 | Totals | \$1,858,810 | \$1,934,849 | \$983,242 | - 0 | -1 |
| | | . ,,- | Poloneou | · · · · · · · · · · · · · · · · · · · | F.,,, | Con 21 |

Balance: \$875,568 Exp Sep-21 2018 Available Requested PPE Organizations PPS Spent Nonpoint Program \$513,417 WV Dept. of Env. Protection WVDEP Statewide NPS Program \$288,949 \$288,949 WV Conservation Agency WVCA Statewide NPS Program \$95,750 Oct-17 Jun-22 Watershed Plan Tracking EPA in-kind \$10,000 \$10,000 US Env. Protection Agency

| Friends of Deckers Creek | Long term O&M for AMD treatment | | \$12,000 | | Aug-19 | Sep-21 |
|-----------------------------|----------------------------------------|-------------|-------------|------------|--------|--------|
| WV Rivers Coalition | Building Capacity for watershed groups | | \$5,000 | \$1,053 | Aug-19 | Sep-21 |
| Experienced Learning | App watershed & stream monitors | | \$15,000 | \$15,000 | Aug-19 | Sep-20 |
| Friends of Blackwater | Sand Run Investigation | | \$7,500 | \$3,258 | Aug-19 | Sep-21 |
| Piney Creek Watershed Assoc | Piney Ck WSA data loggers | | \$8,034 | \$7,955 | Aug-19 | Sep-21 |
| WV Rivers Coalition | WVRC/TU WQ monitoring | | \$10,000 | \$10,000 | Aug-19 | Sep-21 |
| WV Rivers Coalition | Source water | | \$17,000 | \$17,000 | Feb-18 | Sep-19 |
| | | | \$12,000 | \$9,762 | | Mar- |
| Friends of the Cheat | Capacity Expansion | | \$12,000 | 39,702 | Aug-19 | 21 |
| Friends of Deckers Creek | Using GIS to improve services | | \$10,000 | | Aug-19 | Sep-21 |
| Save the Tygart | Beaver Creek load refinement | | \$2,700 | | Oct-20 | Sep-21 |
| Friends of Blackwater | Outreach/State of the watershed | | \$4,000 | | Oct-20 | Sep-21 |
| Experienced Learning | App watershed & stream monitors | | \$15,000 | | Oct-20 | Sep-21 |
| | Watershed Projects | \$1,347,125 | | | | |
| Friends of Blackwater | WALD Passive Treatment II | | \$134,000 | | Sep-18 | Dec-21 |
| Friends of the Cheat | Beaver Creek McElroy Seep | | \$130,000 | \$59,889 | Sep-18 | Sep-21 |
| Friends of Deckers Creek | Dillan Creek Remediation I | | \$207,000 | \$10,924 | Sep-18 | Jun-22 |
| WV Water Research Institute | Barlow Portal I | | \$212,716 | \$17,991 | Sep-18 | Sep-21 |
| Piney Creek Watershed Assoc | Woodrow Wilson Stream Restoration | | \$60,000 | \$0 | Sep-18 | Jun-22 |
| | | | \$100,000 | \$99,502 | Mar- | Sep-21 |
| WV Conservation Agency | Upper Indian Creek | | | 755,502 | 18 | JCP ZI |
| WV Conservation Agency | Second Creek IV | | \$100,000 | | Sep-18 | Sep-21 |
| WV Conservation Agency | Back Creek Protection | | \$216,515 | \$12,790 | Sep-18 | Sep-21 |
| Coal River Group | Browns Creek Phase II | | \$186,000 | \$58,090 | Nov-19 | Jun-22 |
| | Totals | \$1,860,542 | \$1,902,877 | \$594,349 | | |
| | | | Palanco | ¢1 266 102 | Evn | San 22 |

| | | | Balance: | \$1,266,193 | Exp | Sep-22 |
|-----------------------------|------------------------------|-----------|-----------|-------------|--------|--------|
| Organizations | 2019 | Available | Requested | Spent | PPS | PPE |
| | Nonpoint Program | \$624,232 | | | | |
| WV Dept. of Env. Protection | WVDEP Statewide NPS Program | | \$340,692 | \$340,692 | | |
| WV Conservation Agency | WVCA Statewide NPS Program | | \$65,000 | | Jun-19 | Jun-23 |
| US Env. Protection Agency | EPA Watershed Plan Tracking | | \$10,000 | \$10,000 | | |
| | | | \$80,000 | \$6,637 | Son 10 | Mar- |
| WV Rivers Coalition | Integrating SW and WBP II | | \$60,000 | 30,037 | Sep-19 | 21 |
| Friends of the Cheat | Monitoring and maintenance | | \$14,500 | | Oct-20 | Sep-22 |
| Friends of Deckers Creek | Stream data loggers | | \$9,800 | \$8,803 | Oct-20 | Sep-22 |
| Trout Unlimited | Increasing riparian delivery | | \$14,000 | | Oct-20 | Sep-22 |
| WV Rivers Coalition | WV Watershed Network | | \$10,000 | | Oct-20 | Sep-22 |
| WV Rivers Coalition | WVRC-TU monitoring program | | \$10,000 | | Oct-20 | Sep-22 |

| Piney Creek Watershed Assoc | Piney Creek SWS planning | | \$6,000 | | Oct-20 | Sep-22 |
|-----------------------------|---------------------------|-------------|-------------|-----------------------|--------|--------|
| | Watershed Projects | \$1,190,064 | | | | |
| Friends of the Cheat | Sovern Tom Clark AMD | | \$152,000 | \$21,068 | Jun-19 | Sep-22 |
| Friends of Deckers Creek | Marilla Park Restoration | | \$118,121 | \$6,513 | Jun-19 | Jun-22 |
| Friends of Deckers Creek | Slabcamp Run AMD Phase I | | \$207,778 | \$7,065 | Jun-19 | Dec-22 |
| WV Water Research Institute | Roaring Creek N. Portal | | \$262,195 | <mark>\$11,105</mark> | Jun-19 | Dec-22 |
| Piney Creek Watershed Assoc | Crescent Elementary SW | | \$90,000 | | Jun-19 | Jun-22 |
| WV Conservation Agency | Burnside Branch Indian Ck | | \$121,770 | \$56,513 | Jun-19 | Feb-23 |
| WV Conservation Agency | Mill Creek Meadow River | | \$111,200 | | Jun-19 | Dec-22 |
| WV Conservation Agency | Second Creek Karst III | | \$127,000 | \$7,654 | Jun-19 | Dec-23 |
| | Total | \$1,814,296 | \$1,814,296 | \$476,050 | | |

Balance: \$1,338,246 Exp Sep-23 2020 PPE Organizations Available Requested Spent **PPS Nonpoint Program** \$626,612 WV Dept. of Env. Protection \$468,612 WVDEP Statewide NPS Program \$361,707 WV Conservation Agency WVCA Statewide NPS Program \$68,000 Jun-19 Jun-23 TBD WV Dept. of Env. Protection \$80,000 GI in southern WV Save the Tygart Beaver Creek WBP development \$10,000 Jul-20 Sep-23 **Watershed Projects** \$1,259,388 Friends of Blackwater Beaver Creek Seep 100-02 \$182,211 \$1,266 Jul-20 Sep-23 \$2,771 Friends of the Cheat Sovern Tom Clark Passive Treatment \$212,000 Jul-20 Sep-23 Friends of Deckers Creek Dillan Creek Phase II \$191,500 Jul-20 Sep-23 WV Water Research Institute Lambert Site 7 Passive Treatment \$65,252 Jul-20 Sep-23 **WV Conservation Agency** Sleepy Creek VI \$92,130 Jul-20 Sep-23 Piney Creek Watershed Assoc Little League Convention Center II \$97,132 Jul-20 Sep-23 **WV Conservation Agency** Anthony Creek Ag BMPs \$150,000 Jul-20 Sep-23 WV Conservation Agency Pipestem Creek Ag BMPs \$117,663 Jul-20 Sep-23 **WV Conservation Agency** Cherry Fork Ag BMPs \$151,500 Jul-20 Sep-23 Totals \$1,886,000 \$1,886,000 \$365,744

Balance: \$1,520,256 Exp Sep-24

Exp Grant expiration

PPS Performance period (Start)

PPE Performance period (End)

Appendix 4. §319 and AgE project HUC list

| Elks Run | 020700041107 |
|-------------------------------------------|--------------|
| Tuscarora Creek | 020700040907 |
| Laurel Fork-North Fork South Branch | 020700010101 |
| Red Lick Run-North Fork South Branch | 020700010103 |
| Mill Creek-North Fork South Branch | 020700010106 |
| Jordan Run-North Fork South Branch | 020700010107 |
| East Dry Run-South Branch Potomac | 020700010303 |
| Mill Run-South Branch Potomac | 020700010308 |
| Johnson Run-Mill Creek | 020700010402 |
| Rough Run-South Fork South Branch Potomac | 020700010505 |
| Middle Fork Sleepy Creek | 020700040202 |
| Outlet Back Creek | 020700040409 |
| Hoke Run-Opequon Creek | 020700040909 |
| Rattlesnake Run-Potomac River | 020700041106 |
| Middle Blackwater River | 050200040202 |

| Beaver Creek-Little Sandy Creek | 050200040603 |
|---------------------------------------|--------------|
| Browns Creek-Coal River | 050500090608 |
| Burnside Branch | 050500020701 |
| Hughes Creek-Kanawha River | 050500060306 |
| Lower Second Creek | 050500030703 |
| Mill Creek-Meadow River | 050500050605 |
| Tenmile Creek-Buckhannon River | 050200010304 |
| Upper Indian Creek | 050500020703 |
| Left Fork-Sandy Creek | 050200010502 |
| Little Laurel Run-Tygart Valley River | 050200010701 |
| Teter Creek | 050200010704 |
| Hackers Creek-Tygart Valley River | 050200010705 |
| Wickwire Run-Tygart Valley River | 050200010707 |
| Headwaters Elk Creek | 050200020202 |
| Horseshoe Run | 050200040501 |

Appendix 5. Partners active in 2020

FY16 projects

WVU Water Reseach Institute

Buckhannon River Watershed Association

City of Charleston
Coal River Group
Friends of Blackwater
Friends of Deckers Creek
Friends of the Cheat
Local landowners

US Environmental Protection Agency

WV Conservation Agency WV Rivers Coalition

WVDEP Watershed Improvement Branch

FY18 projects

US Environmental Protection Agency Berkeley County Farmland Protection Board

Blue Heron Environmental Network

Coal River Group Experienced Learning Friends of Blackwater Friends of Deckers Creek Friends of the Cheat

Kanawha County Health Department

Local landowners

Save the Tygart Watershed Association USDA Natural Resource Conservation Service

WV Conservation Agency WV Rivers Coalition

WVDEP Watershed Improvement Branch

FY20 projects

US Environmental Protection Agency Greenbrier River Watershed Association

Guardians of the West Fork Guardians of the West Fork New River Conservancy

Piney Creek Watershed Association Save the Tygart Watershed Association Sleepy Creek Watershed Association

WV Conservation Agency

WVDEP Watershed Improvement Branch

WVU Water Reseach Institute

FY17 projects

Cabin Creek Watershed Assoication

Canaan Valley Institute Elks Run Watershed Group Friends of Blackwater Friends of Deckers Creek Friends of the Cheat

Guardians of the West Fork

Local landowners

Morris Creek Watershed Association Piney Creek Watershed Association US Environmental Protection Agency

WV Conservation Agency WV Rivers Coalition

WVDEP Abandoned Minelands Program WVDEP Watershe Assessment Branch WVDEP Watershed Improvement Branch

WVU Water Reseach Institute

FY19 projects

US Environmental Protection Agency

Friends of Deckers Creek Friends of the Cheat Local landowners

Piney Creek Watershed Association Save the Tygart Watershed Association

Trout Unlimited

WV Conservation Agency WV Rivers Coalition

WVDEP Watershed Improvement Branch

WVU Water Reseach Institute

FY21 projects

US Environmental Protection Agency

WVU Water Reseach Institute

WVDEP Watershed Improvement Branch

WV Conservation Agency

Local landowners

Guardians of the West Fork

Friends of the Cheat Friends of Deckers Creek Friends of Blackwater Elks Run Watershed Group Canaan Valley Institute

Note: The list above represents the majority of partners for projects that had some level of actity during the past year. In many instances many more organizations and individuals were involved. Diverse partners are critical for project success.

Appendix 6. 2021 grant award

| WV Dept. of Env. Protection WVDEP NPS Program \$375,240 \$174,068 \$549,308 US Env. Protection Agency EPA Watershed Tracking \$10,000 \$10,000 WV Conservation Agency WVCA NPS Program \$116,900 \$77,933 \$194,833 Total Nonpoint \$502,140 \$252,001 \$754,141 27% Watershed Project Funds WV Conservation Agency Back Creek Phase IV \$156,000 \$162,824 \$318,824 WV Conservation Agency Elks Run Phase III \$96,800 \$64,780 \$161,580 WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | <u>Organizations</u> | Nonpoint Funds | <u>§319</u> | <u>Match</u> | <u>Total</u> | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|-------------|--------------|--------------|-----|
| WV Conservation Agency WVCA NPS Program \$116,900 \$77,933 \$194,833 Total Nonpoint \$502,140 \$252,001 \$754,141 27% Watershed Project Funds WV Conservation Agency Back Creek Phase IV \$156,000 \$162,824 \$318,824 WV Conservation Agency Elks Run Phase III \$96,800 \$64,780 \$161,580 WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | WV Dept. of Env. Protection | WVDEP NPS Program | \$375,240 | \$174,068 | \$549,308 | |
| Total Nonpoint \$502,140 \$252,001 \$754,141 27% Watershed Project Funds WV Conservation Agency Back Creek Phase IV \$156,000 \$162,824 \$318,824 WV Conservation Agency Elks Run Phase III \$96,800 \$64,780 \$161,580 WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | US Env. Protection Agency | EPA Watershed Tracking | \$10,000 | | \$10,000 | |
| Watershed Project Funds WV Conservation Agency Back Creek Phase IV \$156,000 \$162,824 \$318,824 WV Conservation Agency Elks Run Phase III \$96,800 \$64,780 \$161,580 WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | WV Conservation Agency | WVCA NPS Program | \$116,900 | \$77,933 | \$194,833 | |
| WV Conservation Agency Back Creek Phase IV \$156,000 \$162,824 \$318,824 WV Conservation Agency Elks Run Phase III \$96,800 \$64,780 \$161,580 WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | | Total Nonpoint | \$502,140 | \$252,001 | \$754,141 | 27% |
| WV Conservation Agency Elks Run Phase III \$96,800 \$64,780 \$161,580 WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | | Watershed Project Funds | | | | |
| WV Conservation Agency Indian Creek III \$150,000 \$100,000 \$250,000 | WV Conservation Agency | Back Creek Phase IV | \$156,000 | \$162,824 | \$318,824 | |
| | WV Conservation Agency | Elks Run Phase III | \$96,800 | \$64,780 | \$161,580 | |
| | WV Conservation Agency | Indian Creek III | \$150,000 | \$100,000 | \$250,000 | |
| WV Conservation Agency Mudlick Run \$110,000 \$73,335 \$183,335 | WV Conservation Agency | Mudlick Run | \$110,000 | \$73,335 | \$183,335 | |
| Canaan Valley Institute Tuscarora Creek III \$95,477 \$63,660 \$159,137 | Canaan Valley Institute | Tuscarora Creek III | \$95,477 | \$63,660 | \$159,137 | |
| Beaver Creek passive | | Beaver Creek passive | | | | |
| Friends of Blackwater treatment \$132,252 \$111,700 \$243,952 | Friends of Blackwater | treatment | \$132,252 | \$111,700 | \$243,952 | |
| Friends of the Cheat Sovern Tom Clark III \$192,500 \$131,500 \$324,000 | Friends of the Cheat | Sovern Tom Clark III | \$192,500 | \$131,500 | \$324,000 | |
| Friends of Deckers Creek Slabcamp OLC-650 \$270,031 \$177,000 \$447,031 | Friends of Deckers Creek | Slabcamp OLC-650 | \$270,031 | \$177,000 | \$447,031 | |
| WV Water Research Institute Lambert Site 2 \$150,000 \$100,000 \$250,000 | WV Water Research Institute | Lambert Site 2 | \$150,000 | \$100,000 | \$250,000 | |
| Total Watershed \$1,353,060 \$984,799 \$2,337,859 73% | | Total Watershed | \$1,353,060 | \$984,799 | \$2,337,859 | 73% |
| Total §319 request \$1,855,200 \$1,236,800 \$3,092,000 | | Total §319 request | \$1,855,200 | \$1,236,800 | \$3,092,000 | |